

VICINITY MAP ZONE ATLAS NO. K-23-Z J-11-Z

NOTICE TO CONTRACTORS

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with City of Albuquerque Standard Specifications, Public Works construction, 1986 Edition (update # 5).
2. Two (2) working days prior to any excavation, contractor must contact Line Locating Service, 260-1990 for location of existing utilities.
3. Prior to construction, the contractor shall verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer or surveyor so that the conflict can be resolved with a minimum amount of delay.
4. Three (3) working days prior to beginning construction, the contractor shall submit to construction coordinations division a detailed construction schedule. Two (2) working days prior to construction, the contractor shall obtain a barricading permit from the construction coordination division. Contractor shall notify barricade engineer (768-2551) prior to occupying an intersection. Refer to section 19 of the General Conditions of the Standard Specifications.
5. All street striping altered or destroyed shall be replaced in kind by contractor to location and in kind as existing or as indicated by this plan set.
6. Contractor shall notify the engineer not less than seven (7) days prior to starting work in order that the engineer may take necessary measures to insure the preservation of survey monuments. Contractor shall not disturb permanent survey monuments without the consent of the engineer and shall notify the engineer and bear the expense of replacing any that may be disturbed without permission. Replacement shall be done only by the city surveyor. When a change is made in the finished elevations of the pavement of any roadway in which a permanent survey monument is located, contractor shall, at his own expense, adjust the monument cover to the new grade unless otherwise specified. Refer to section 4.4 of the General Conditions of the Standard Specifications.

THE FOLLOWING ALSO APPLY WHEN CHECKED

- ☐ All utilities and utility service lines shall be installed prior to paving.
- ☐ Backfill compaction shall be according to specified street use.
- ☐ Tack coat requirements shall be determined by the city engineer.
- ☐ Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
- ☐ If curb is depressed for a driveway or ramp, it shall be constructed prior to acceptance of the curb and gutter.
- ☐ All storm drainage facilities shall be completed prior to final acceptance.

CIUDAD VISTA PARK + BIKE TRAIL IMPROVEMENTS

CLASS II CONSTRUCTION

WATER METER ADDRESS: 1300-1/2 LOMAS BLVD. N.E.

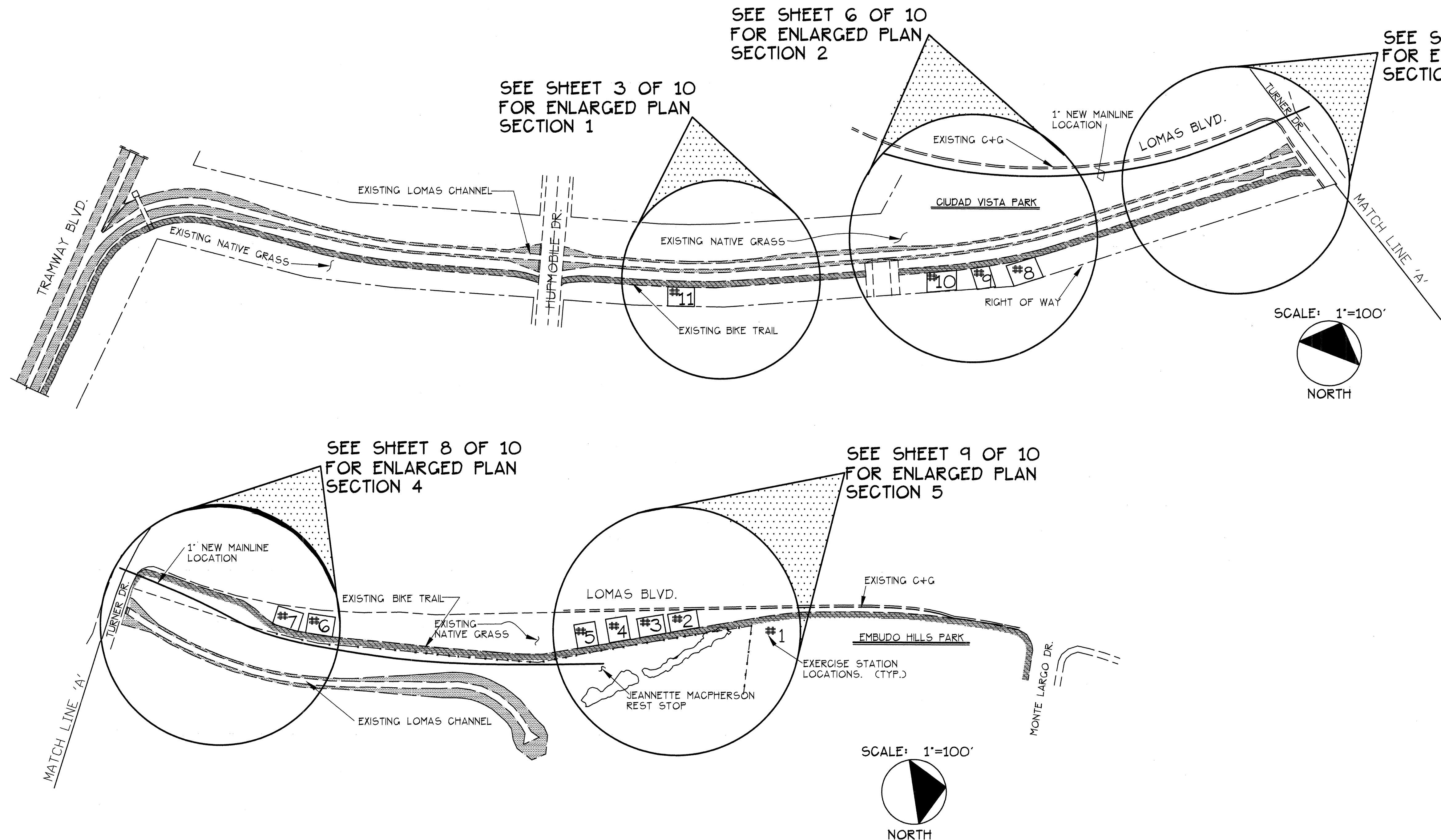
INDEX OF DRAWINGS:

TITLE

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RETAINING WALL DETAILS	5 OF 10
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CONSTRUCTION, IRRIGATION, AND PLANTING DETAILS	10 OF 10

REV. SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVALS OF REVISIONS						
			APPROVED FOR CONSTRUCTION		DATE	
			PROJECT NUMBER		SHEET 1 OF 10	
			4539.90			



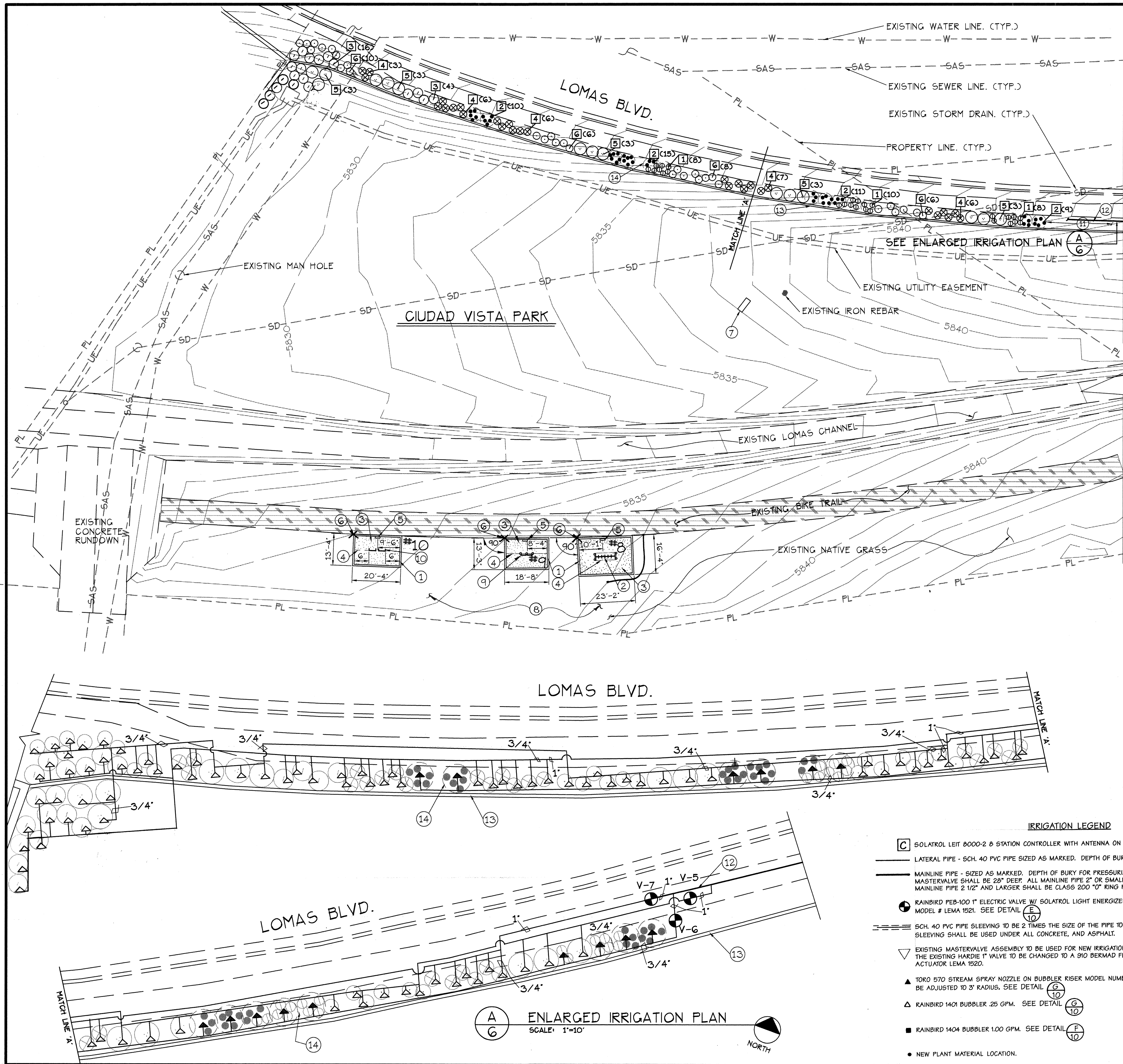
EXERCISE STATION EQUIPMENT SCHEDULE		
STEEL WORLD TRAIL EQUIPMENT AVAILABLE THRU THE PLAYWELL GROUP		
STATION #	EQUIPMENT MODEL #	INSTRUCTION NOTES
#1	Welcome sign order under sign only	Install Direction Arrow Sphere
#2	Step Up & Instruction Sign # WT00130	
#3	Leg Lift & Instruction Sign # WT00140	
#4	Body Curl & Instruction Sign # WT00150	
	Instruction Sign only for Sit-Up # WT00200	
#5	Beam Jump & Instruction Sign # WT00170	Install Direction Arrow Sphere
#6	Parallel Bars & Instruction Sign # WT00160	
#7	Climbing Wall & Instruction Sign # WT00280	Install Heart Check Sphere
#8	Horizontal Loop Ladder & Sign # WT00190	Install Direction Arrow Sphere
#9	Chin-Up & Instruction Sign # WT00240	
#10	Push-Up & Instruction Sign # WT00220	Install Direction Arrow Sphere
#11	Achilles Stretch & Isometric Squat & Instruction Sign # WT00260	Install Heart Check Sphere

CONSTRUCTION GENERAL NOTES:

1. WHEN INSTALLING FITNESS EQUIPMENT IT SHALL BE PLACED A MINIMUM OF 6'-0" AWAY FROM ANY HARD SURFACE AS PER MANUFACTURER'S SPECIFICATIONS.
2. THE LOCATION OF THE FITNESS STATIONS WILL BE FIELD LOCATED BY DESIGN STAFF. PLEASE CONTACT DOROTHY VINGON AT 857-8637 PRIOR TO START OF CONSTRUCTION.
3. THE LOCATION OF THE FITNESS STATIONS WILL BE FIELD MARKED, BY DESIGN STAFF, WITH AN "X" IN SPRAY PAINT NEXT TO THE BIKE TRAIL. START DIMENSIONING FROM THIS POINT.
4. CARE SHALL BE TAKEN NOT TO DISTURB THE EXISTING NATIVE VEGETATION. ANY AREAS DISTURBED BY VEHICLES AND CONSTRUCTION SHALL BE RESEEDDED WITH NATIVE GRASS SEEDING MIXTURE FOR VALLEY AND EAST SIDE AREAS. REFERENCE CITY STANDARD SPECIFICATIONS SECTION 1012.4.1.2 FOR TYPE AND AMOUNTS.

CITY OF ALBUQUERQUE PARKS/GENERAL SERVICES DESIGN & DEVELOPMENT					
TITLE: CIUDAD VISTA PARK + BIKE TRAIL IMPROVEMENTS CONSTRUCTION PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	4-14-95	WATER	<i>[Signature]</i>	4-16-95
TRANSPORTATION	<i>[Signature]</i>	4-07-95	WASTE WATER	<i>[Signature]</i>	4-16-95
HYDROLOGY	<i>[Signature]</i>	4-10-95	PARKS	<i>[Signature]</i>	4-31-95
PROJECT NO. 4539.90		MAP NO. K-23-Z J-23-Z	SHEET 2 OF 10		

REVISIONS/REMARKS		BY	SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
NO.	DATE		FIELD NOTES		ALL ELEVATIONS FOR THIS TOPOGRAPHIC SURVEY ARE BASED ON		CONTRACTOR	DATE
			NO.	BY	DATE	ALBUQUERQUE CONTROL SURVEY MONUMENT 23-223, A 3 1/4"	WORK STAKED BY	DATE
						ALUMINUM CAP RIVETED TO AN ALUMINUM TUBE PROJECTING 0.25	INSPECTOR'S APPROVAL	DATE
						FEET ABOVE THE GROUND LOCATED AS SHOWN HEREON AND	FIELD VERIFICATION BY	DATE
						HAVING A NGVD ELEVATION OF 4867.04' AND SHOULD NOT BE	DRAWING CORRECTED BY	DATE
						DISTURBED IN ANY WAY, FOR FURTHER INFORMATION CONTACT	MICRO—FILM INFORMATION	
DESIGNED BY:						JAN FILA A GEODETIC SURVEY FOR THE CITY OF ALBUQUERQUE	RECORDED BY	DATE
DRAWN BY:						SURVEY SECTION AT 505 788 3812	NO.	
CHECKED BY:								



SEE SHEET 2 OF 10 SECTION 2 FOR LOCATION

CONSTRUCTION KEYED NOTES:

- NEW CONCRETE EDGER WALL. LOCATE AS PER GENERAL NOTES NUMBER 2 AND 3 LOCATED ON SHEET 2 OF 10. SEE DETAIL (B) 10.
- STATION #8 EXERCISE EQUIPMENT. HORIZONTAL LOOP LADDER # W000190. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- 12" DEEP PLASTER SAND. SEE DETAIL (B) 10.
- 6' SAFETY ZONE BETWEEN EQUIPMENT AND EDGER WALL.
- INSTRUCTION SIGN. INSTALL FACING THE BIKE TRAIL AS SHOWN ON PLANS, AS PER MANUFACTURER'S SPECIFICATIONS.
- SPRAY PAINTED "X", POINT TO START DIMENSIONING FROM. REFERENCE GENERAL NOTE NUMBER 3 SHEET 2 OF 10.
- BACKLESS 6' BENCH. ULTRUM MODEL # UF3026. COLOR: BLUE. AVAILABLE THRU LEIGURE DESIGN SYSTEMS. LOCATION OF BENCH WILL BE FIELD LOCATED BY DESIGN STAFF WITH A WOOD STAKE SPRAY PAINTED. ORIENT TO SOUTH WEST VIEW.
- REVEGETATE ALL EXISTING DISTURBED AREAS WITH NATIVE GRASSES. SEE GENERAL NOTE NUMBER 4 SHEET 2 OF 10 FOR TYPE & AMOUNTS OF SEED.
- STATION #9 EXERCISE EQUIPMENT. CHIN-UP MODEL # W000240. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- STATION #10 EXERCISE EQUIPMENT. PUSH-UP MODEL # W000220. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- REVEGETATE AREA IN FRONT OF THE RETAINING WALL. FROM LAST PLANTED PERENNIAL GOING EAST TO THE END OF THE RETAINING WALL AND BLEND WITH EXISTING NATIVE GRASSES BEHIND THE WALL.
- 1" MAINLINE TO IRRIGATION SYSTEM LOCATED ON SHEET 7 OF 10.
- FOR RETAINING WALL CONSTRUCTION PLAN SEE SHEET 4 OF 10.
- PLACE PLANT MATERIAL WITHIN THE 6' DIAMETER AREA AROUND SPRAY HEADS AS SHOWN.

PLANTING LEGEND SECTION 2:

Botanical Name	Common Name	H2O	Size	Quantity	Remarks
PERENNIAL:					
1	Petalostemum purpureum	PRAIRIE CLOVER	med	1 gal.	26 plant 2' o.c. min.
2	Delosperma cooperi	ICE PLANT	med	1 gal.	45 plant 1'-6" o.c. min.
SHRUBS:					
3	Rosa woodsii	WOODS ROSE	med	5 gal.	20 plant 4' o.c. min.
4	Rhus trilobata	THREE-LEAF SUMAC	med	5 gal.	28 plant 3' o.c. min.
5	Fallugia paradoxa	APACHE PLUME	low	5 gal.	15 plant 5' o.c. min.
6	Ceratoides lanata	WINTERFAT	low	5 gal.	30 plant 3' o.c. min.

FOR PLANTING GENERAL NOTES SEE SHEET 7 OF 10

VALVING LEGEND

VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	ARC	MODEL	QTY.	PSI	RADIUS	GPM
VALVES TO SOLATROL CONTROLLER									
MY	1"	11.25							
V-1	1"	1.50	TORO 570 stream spray	-	10-55F	6	60	3'	0.25
V-2	1"	4.00	RainBird bubbler	-	1401	16	60	-	0.25
V-3	1"	2.25	TORO 570 stream spray	-	10-55F	9	60	3'	0.25
V-4	1"	5.50	RainBird bubbler	-	1401	22	60	-	0.25
V-5	1"	11.25	RainBird bubbler	-	1401	46	60	-	0.25
V-6	1"	3.75	TORO 570 stream spray	-	10-55F	15	60	3'	0.25
V-7	1"	12.00	RainBird bubbler	-	1401	46	60	-	0.25
VALVES TO EXISTING MIR CONTROLLER AT EMBUDO HILL PARK									
V-8	1"	9.00	existing	-	-	-	-	-	-
V-9	1"	10.00	existing	-	-	-	-	-	-
V-10	1"	7.20	existing	-	-	-	-	-	-
V-11	1"	7.00	existing	-	-	-	-	-	-

TO ACCOMMODATE THE EXISTING 1" MAINLINE, THE GPM SHALL NOT EXCEED 12 GPM THRU VALVES. PROGRAM VALVES TO RUN TOGETHER WITH A MIN. OF 7 GPM THRU 1 1/2" FLOW METER WHEN NEEDED. FOR IRRIGATION GENERAL NOTES SEE SHEET 7 OF 10

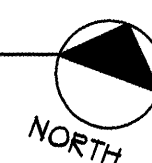
IRRIGATION LEGEND

- SOLATROL LEIT 8000-2 B STATION CONTROLLER WITH ANTENNA ON A FIBERGLASS MOUNTING TUBE.
- LATERAL PIPE - SCH. 40 PVC PIPE SIZED AS MARKED. DEPTH OF BURY SHALL BE A MINIMUM OF 18" DEEP.
- MAINLINE PIPE - SIZED AS MARKED. DEPTH OF BURY FOR PRESSURIZED MAINLINE FROM METER TO MASTERVALVE SHALL BE 28" DEEP. ALL MAINLINE PIPE 2" OR SMALLER SHALL BE SCH. 40 PVC PIPE. ALL MAINLINE PIPE 2 1/2" AND LARGER SHALL BE CLASS 200 "O" RING PIPE W/ GASKET FITTINGS.
- RAINBIRD PEB-100 1" ELECTRIC VALVE W/ SOLATROL LIGHT ENERGOIZER MICRO POWER ACTUATOR MODEL # LEMA 1521. SEE DETAIL (E) 10.
- SCH. 40 PVC PIPE SLEEVING TO BE 2 TIMES THE SIZE OF THE PIPE TO BE SLEEVED. SLEEVING SHALL BE USED UNDER ALL CONCRETE, AND ASPHALT.
- EXISTING MASTERVALVE ASSEMBLY TO BE USED FOR NEW IRRIGATION SYSTEM, LOCATED ON SHEET 9 OF 10. THE EXISTING HARDIE 1" VALVE TO BE CHANGED TO A 3/10 BERMAD FLOW METER 1 1/2" WITH A SOLATROL ACTUATOR LEMA 1520.
- TORO 570 STREAM SPRAY NOZZLE ON BUBBLER RISER MODEL NUMBER 10-55F. RADIUS OF HEADS NEED TO BE ADJUSTED TO 3' RADIUS. SEE DETAIL (G) 10.
- RAINBIRD 1401 BUBBLER 25 GPM. SEE DETAIL (G) 10.
- RAINBIRD 1404 BUBBLER 1.00 GPM. SEE DETAIL (F) 10.
- NEW PLANT MATERIAL LOCATION.

SCALE: 1"=20'



A
6
ENLARGED IRRIGATION PLAN
SCALE: 1"=10'



AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		REVISIONS/REMARKS	
CONTRACTOR	DATE	ALL ELEVATIONS FOR THIS TOPOGRAPHIC SURVEY ARE BASED ON	NO.	FIELD NOTES	BY	NO.	DATE
WORK STAKED BY	DATE	ALBUQUERQUE CONTROL SURVEY MONUMENT 23-423 A 3 1/4"					
INSPECTOR'S APPROVAL	DATE	ALUMINUM CAP RIVETED TO AN ALUMINUM TUBE PROJECTING 0.25"					
FIELD VERIFICATION BY	DATE	FEET ABOVE THE GROUND LOCATED AS SHOWN HEREON AND					
DRAWING CORRECTED BY	DATE	HAVING A KNOWN ELEVATION OF 4867.94' AND SHOULD NOT BE					
MICRO-FILM INFORMATION	DATE	DISTURBED IN ANY WAY FOR FURTHER INFORMATION CONTACT					
RECORDED BY	DATE	JAN FILM GEOLOGIC SURVEY FOR THE CITY OF ALBUQUERQUE					
NO.		SURVEY SECTION AT 555 788 3612					



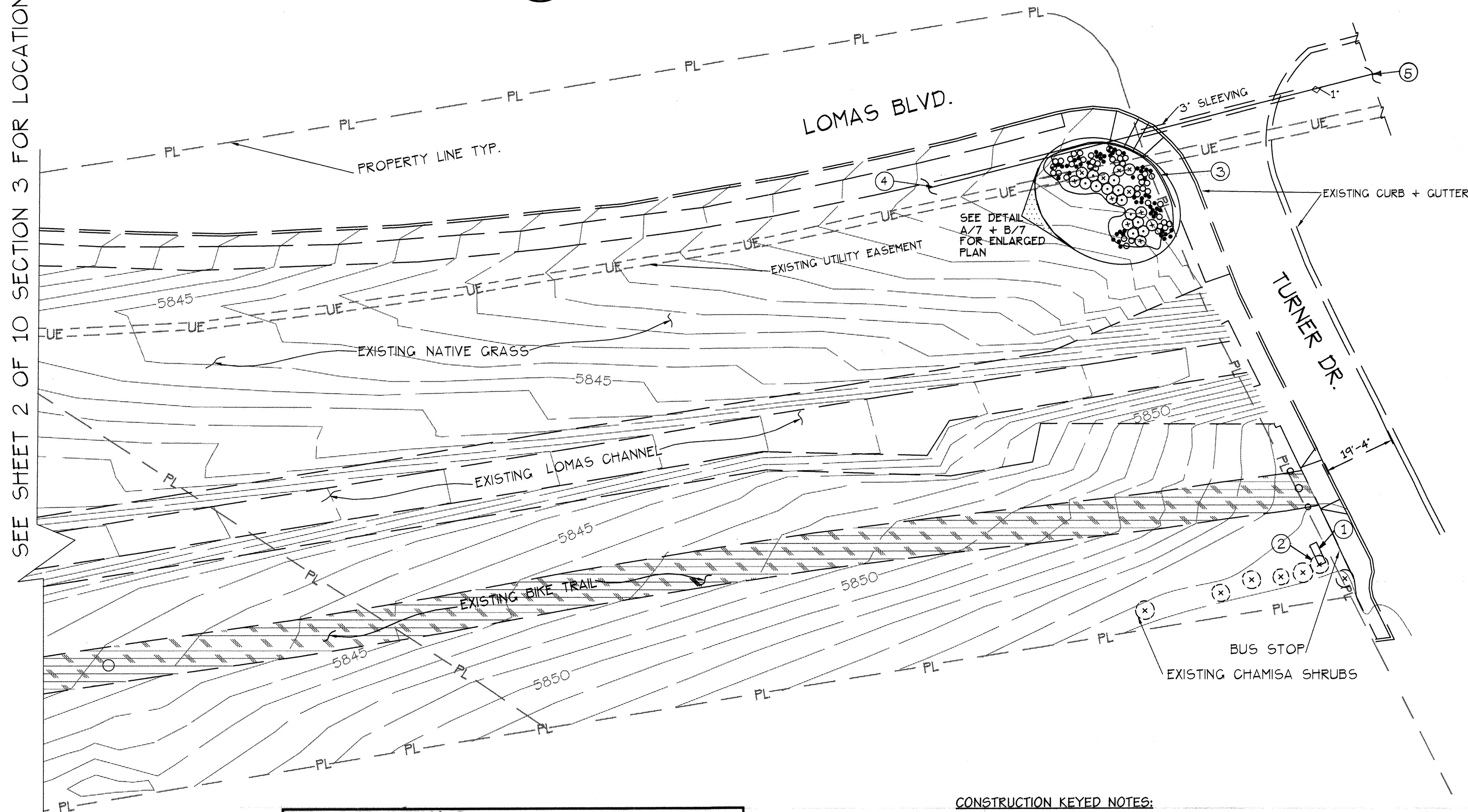
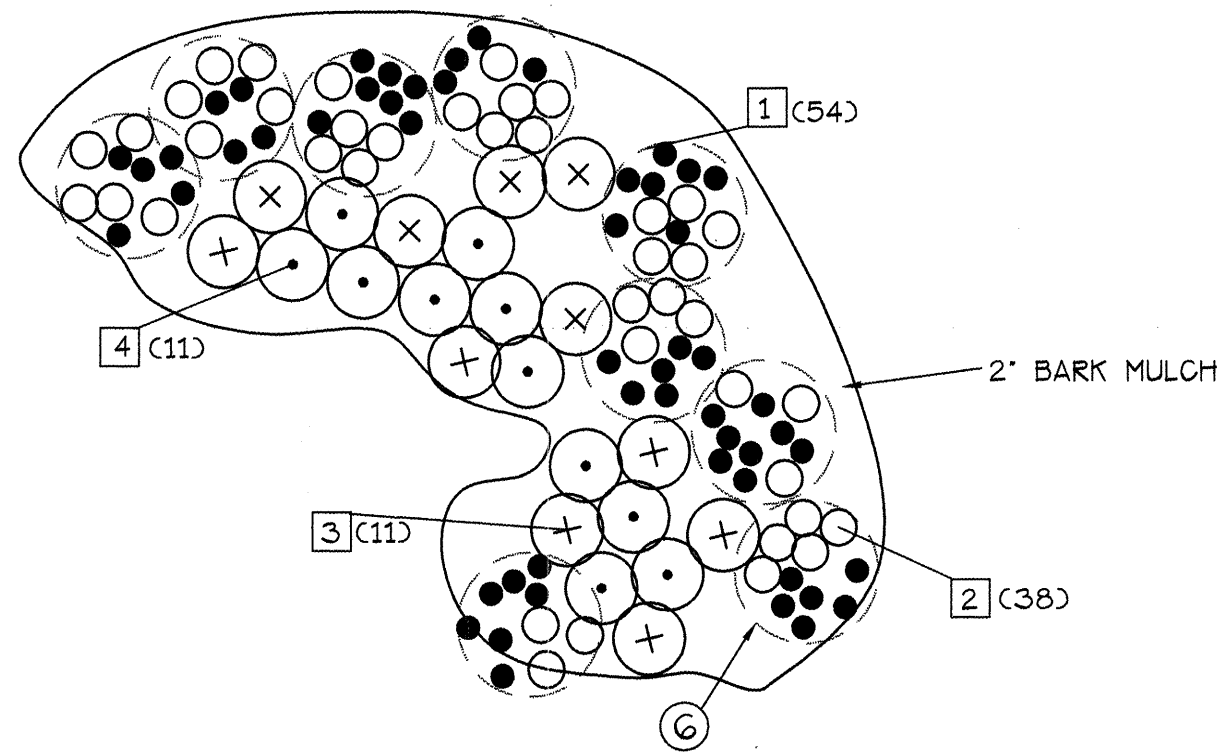
CITY OF ALBUQUERQUE PARKS/GENERAL SERVICES DESIGN & DEVELOPMENT					
TITLE: CIUDAD VISTA PARK + BIKE TRAIL IMPROVEMENTS					
ENLARGED PLAN SECTION 2					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	4/9/95	4-9-95	WATER	4/10/95	
TRANSPORTATION	4/10/95	4-10-95	WASTE WATER		
HYDROLOGY	4/10/95	4-10-95	PARKS	4/10/95	
PROJECT NO. 4539.90 MAP NO. K-23-Z J-23-Z SHEET 6 OF 10					

SEE SHEET 2 OF 10 SECTION 3 FOR LOCATION

PLANTING GENERAL NOTES:

1. PLANT MATERIAL SHALL BE PLANTED NO CLOSER THAN 2'-0" FROM SIDEWALK.
2. DECORATIVE BARK MULCH TO BE MEDIUM SIZE AND PLACED IN PATTERN SHOWN ON PLANS 2" DEEP. SEE DETAIL (J) 10
3. FOR SHRUB AND GROUND COVER PLANTING SEE DETAIL (J) 10

A ENLARGED PLANTING AREA PLAN
SCALE: 1/8" = 1'-0"



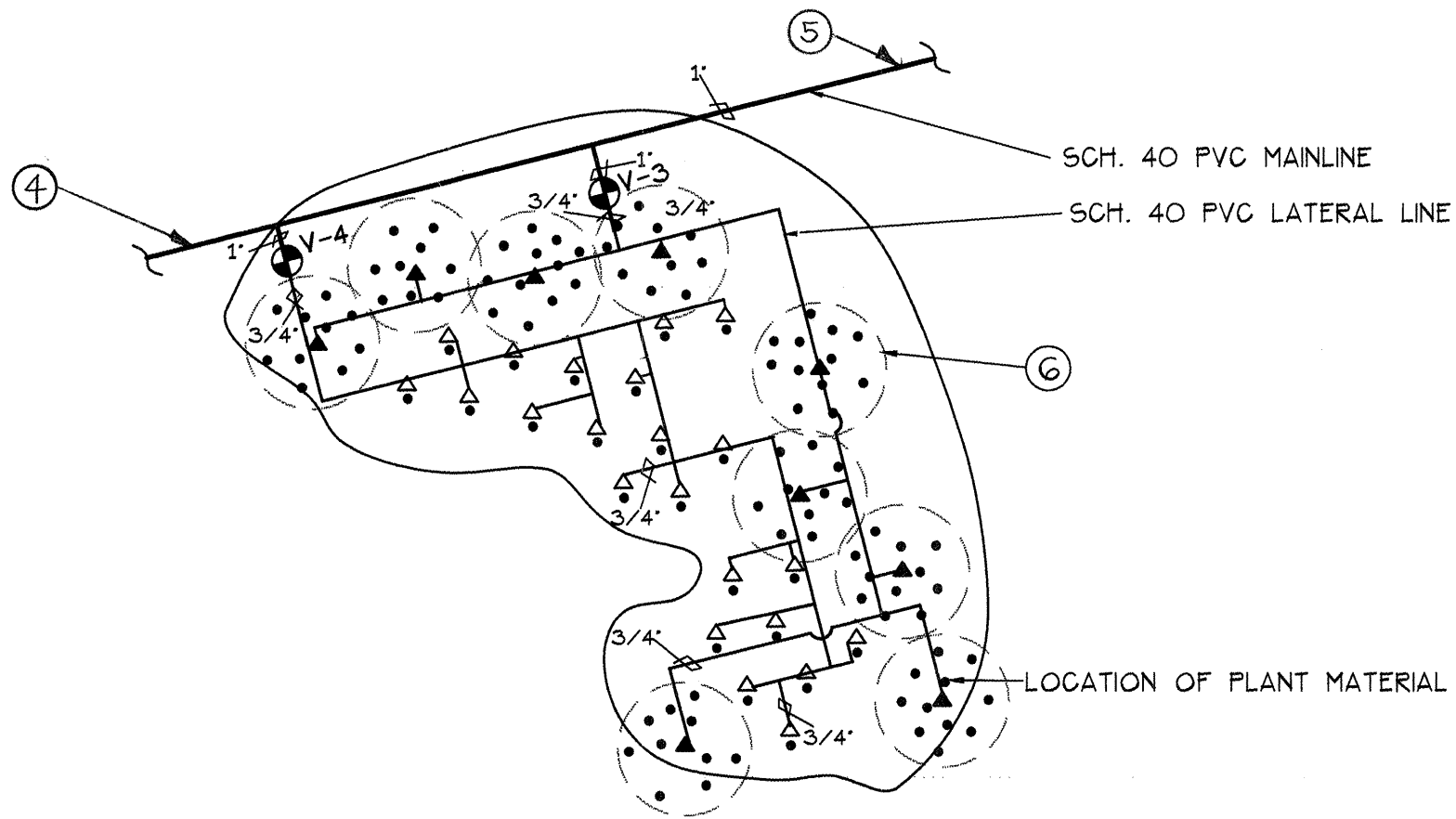
PLANTING LEGEND SECTION 3:						
Botanical Name	Common Name	H2O	Size	Quantity	Remarks	
GROUND COVERS:						
1 Festuca ovina 'glauca'	BLUE FESCUE	med	1 gal.	54	plant 8" o.c. min.	
2 Delosperma cooperi	ICE PLANT	med	1 gal.	38	plant 1'-6" o.c. min.	
SHRUBS:						
3 Salvia greggii	AUTUMN SAGE	med	5 gal.	11	plant 3' o.c. min.	
4 Heliotrichon sempervirens	BLUE AVENA	med	1 gal.	11	plant 3' o.c. min.	

VALVING LEGEND									
VALVES TO SOLATROL CONTROLLER									
VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	ARC	MODEL	QTY.	PSI	RADIUS	GPH
MY	1"	11.25							
V-1	1"	1.50	TORO 570 stream spray	-	10-55F	6	60	3'	0.25
V-2	1"	4.00	RainBird bubbler	-	1401	16	60	-	0.25
V-3	1"	2.25	TORO 570 stream spray	-	10-55F	9	60	3'	0.25
V-4	1"	5.50	RainBird bubbler	-	1401	22	60	-	0.25
V-5	1"	11.25	RainBird bubbler	-	1401	45	60	-	0.25
V-6	1"	3.75	TORO 570 stream spray	-	10-55F	15	60	3'	0.25
V-7	1"	12.00	RainBird bubbler	-	1401	48	60	-	0.25
VALVES TO EXISTING MIR CONTROLLER AT EMBUDO HILL PARK									
V-8	1"	9.00	existing	-	-	-	-	-	-
V-9	1"	10.00	existing	-	-	-	-	-	-
V-10	1"	7.20	existing	-	-	-	-	-	-
V-11	1"	7.00	existing	-	-	-	-	-	-

TO ACCOMMODATE THE EXISTING 1" MAINLINE, THE GPM SHALL NOT EXCEED 12 GPM THRU VALVES. PROGRAM VALVES TO RUN TOGETHER WITH A MIN. OF 7 GPM THRU 1 1/2" FLOW METER WHEN NEEDED.

CONSTRUCTION KEYED NOTES:

- 1 BACKLESS 6" BENCH. ULTRUM MODEL # UF3026. COLOR: BLUE. AVAILABLE THRU LEISURE DESIGN SYSTEMS. LOCATION OF BENCH WILL BE FIELD LOCATED BY DESIGN STAFF WITH A WOOD STAKE SPRAY PAINTED.
- 2 REMOVE DAMAGED CHAMISA SHRUB TO MAKE ROOM FOR 6" BENCH, DISPOSE OF CHAMISA SHRUB PROPERLY.
- 3 2" BARK MULCH TO BE PLACED UP TO THE SIDEWALK, 1" BELOW EDGE OF SIDEWALK AND IN THE PATTERN SHOWN ON THE OTHER SIDE OF PLANT MATERIAL. SEE DETAIL (J) 10
- 4 1" MAINLINE TO IRRIGATION SYSTEM LOCATED ON SHEET 6 OF 10.
- 5 1" MAINLINE TO IRRIGATION SYSTEM LOCATED ON SHEET 8 OF 10.
- 6 PLACE PLANT MATERIAL WITHIN THE 6' DIAMETER AREA AROUND SPAY HEADS AS SHOWN.



B ENLARGED PLANTING AREA IRRIGATION PLAN
SCALE: 1/8" = 1'-0"

IRRIGATION LEGEND

- A SOLATROL LEIT 8000-2 8 STATION CONTROLLER WITH ANTENNA ON A FIBERGLASS MOUNTING TUBE.
- LATERAL PIPE - SCH. 40 PVC PIPE SIZED AS MARKED. DEPTH OF BURY SHALL BE A MINIMUM OF 18" DEEP.
- MAINLINE PIPE - SIZED AS MARKED. DEPTH OF BURY FOR PRESSURIZED MAINLINE FROM METER TO MASTERVALVE SHALL BE 28" DEEP. ALL MAINLINE PIPE 2" OR SMALLER SHALL BE SCH. 40 PVC PIPE. ALL MAINLINE PIPE 2 1/2" AND LARGER SHALL BE CLASS 200 "O" RING PIPE W/ GASKET FITTINGS.
- RAINBIRD PEB-100 1" ELECTRIC VALVE W/ SOLATROL LIGHT ENERGIZER MICRO POWER ACTUATOR MODEL # LEMA 1521. SEE DETAIL (E) 10
- SCH. 40 PVC PIPE SLEEVING TO BE 2 TIMES THE SIZE OF THE PIPE TO BE SLEEVED. SLEEVING SHALL BE USED UNDER ALL CONCRETE, AND ASPHALT.
- EXISTING MASTERVALVE ASSEMBLY TO BE USED FOR NEW IRRIGATION SYSTEM, LOCATED ON SHEET 9 OF 10. THE EXISTING HARDIE 1" VALVE TO BE CHANGED TO A 910 BERMAD FLOW METER 1 1/2" WITH A SOLATROL ACTUATOR LEMA 1520.
- TORO 570 STREAM SPRAY NOZZLE ON BUBBLER RISER MODEL NUMBER 10-55F. RADIUS OF HEADS NEED TO BE ADJUSTED TO 3' RADIUS. SEE DETAIL (G) 10
- RAINBIRD 1401 BUBBLER .25 GPM. SEE DETAIL (G) 10
- RAINBIRD 1404 BUBBLER 1.00 GPM. SEE DETAIL (F) 10
- NEW PLANT MATERIAL LOCATION.

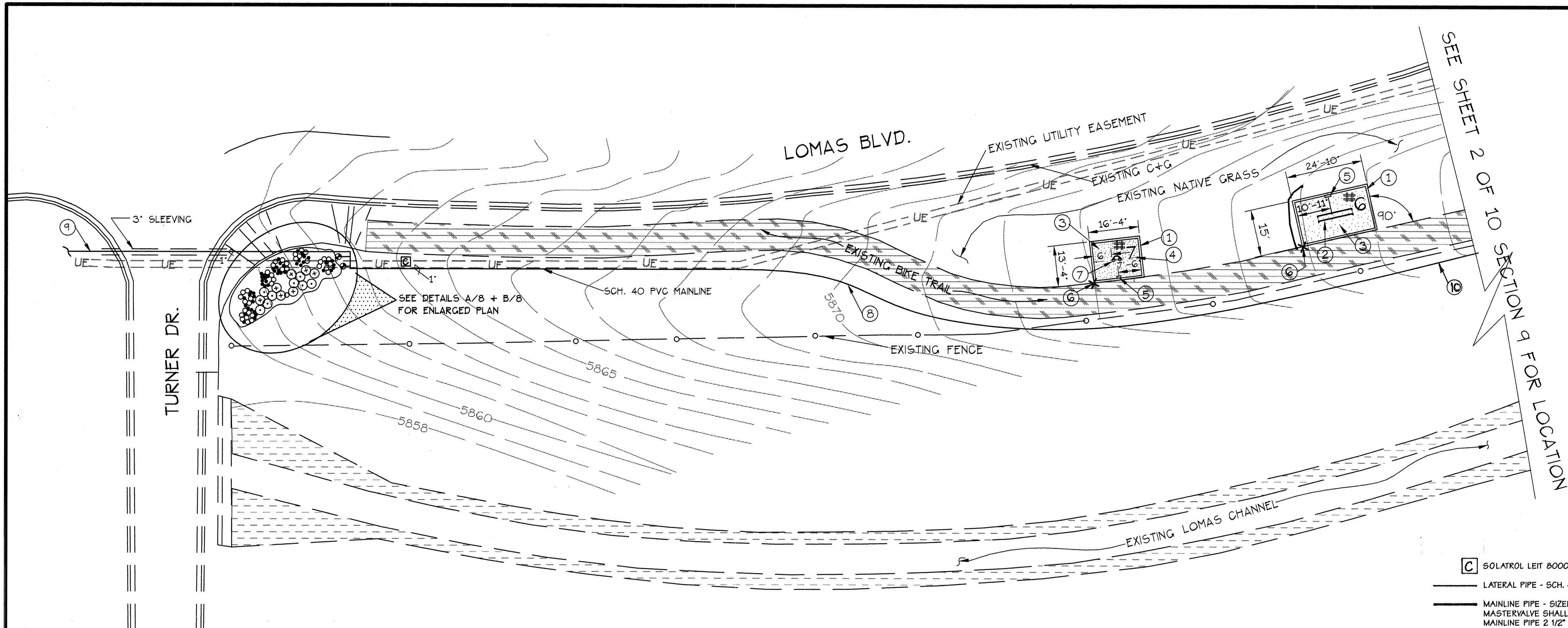
IRRIGATION GENERAL NOTES:

1. PRIOR TO THE START OF CONSTRUCTION, THE LOCATIONS OF ALL EXISTING UTILITY LINES SHALL BE MARKED. VERIFY LOCATIONS WITH THE CITY OF ALBUQUERQUE AND ALL PUBLIC UTILITIES. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. REFERENCE CITY STANDARD SPECIFICATIONS FOR IRRIGATION.
2. CONTROL WIRES SHALL BE IDENTIFIED W/ E-Z CODER WDR SERIES TAPE AT VALVE AND CONTROLLER.
3. THIS SYSTEM IS DESIGNED FOR 12 GPM WITH MAX 75 PSI ALLOWED AT THE HEAD. PRESSURE AT THE POINT OF CONNECTION IS ESTIMATED TO BE 55-60 PSI. VERIFY PRESSURE PRIOR TO START OF MAINLINE TAP.
4. WHEN LOCATING HEADS IN THE FIELD, CARE SHALL BE TAKEN TO SPACE HEADS AS SHOWN ON THE PLAN. HOWEVER, MINOR ADJUSTMENTS IN THE HEAD LAYOUT MAY BE REQUIRED TO MEET MINOR VARIATIONS BETWEEN PLAN DIMENSIONS AND SITE DIMENSIONS. ADJUST SPRAY HEADS SO THERE WILL BE NO OVERSPRAY ONTO SIDEWALKS OR RETAINING WALL.
5. ALL PIPING INSTALLED UNDER SIDEWALKS, ROADS ETC. SHALL BE SLEEVED IN SCH. 40 PVC PIPE 2 TIMES THE SIZE OF THE PIPE TO BE SLEEVED. SLEEVE EACH LINE OR WIRE BUNDLE SEPARATELY.
6. AT THE COMPLETION OF THE PROJECT, DESIGN AND DEVELOPMENT SHALL COORDINATE THE PROGRAMMING OF THE CONTROLLER WITH STEVE SIERRA, PARK SUPERVISOR, PARK MANAGEMENT DIVISION.
7. ALL PRODUCTS SHALL BE AS SPECIFIED OR APPROVED SUBSTITUTION.
8. LOCATION SHOWN ON IRRIGATION PLAN FOR CONTROL VALVES AND MAINLINE ARE SCHEMATIC. PLACE LINES TO MINIMIZE DAMAGE TO EXISTING VEGETATION.
9. VALVING LEGEND TO BE LAMINATED AND LOCATED INSIDE CONTROLLER OR CONCRETE IRRIGATION VAULT FOR FUTURE REFERENCE.

SCALE: 1"=20'



CITY OF ALBUQUERQUE PARKS/GENERAL SERVICES DESIGN & DEVELOPMENT					
TITLE: CIUDAD VISTA PARK + BIKE TRAIL IMPROVEMENTS ENLARGED PLAN SECTION 3					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. B. B.</i>	4/10/95	WATER	<i>H. A. G.</i>	4/10/95
TRANSPORTATION	<i>M. A. P.</i>	4/10/95	WASTE WATER		
HYDROLOGY	<i>J. P. P.</i>	4/10/95	PARKS	<i>D. S.</i>	3/31/95
PROJECT NO. 4539.90		MAP NO. K-23-Z J-23-Z		SHEET 7 OF 10	



CONSTRUCTION KEYED NOTES:

- NEW CONCRETE EDGER WALL. LOCATE AS PER GENERAL NOTES NUMBER 2 AND 3 LOCATED ON SHEET 2 OF 10. SEE DETAIL (B) 10.
- STATION #6 EXERCISE EQUIPMENT. PARALLEL BARS MODEL # W100160. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- 12" DEEP PLASTER SAND. SEE DETAIL (B) 10.
- 6' SAFETY ZONE BETWEEN EQUIPMENT AND EDGER WALL.
- INSTRUCTION SIGN. INSTALL FACING THE BIKE TRAIL AS SHOWN ON PLANS, AS PER MANUFACTURER'S SPECIFICATIONS.
- SPRAY PAINTED "X", POINT TO START DIMENSIONING FROM. REFERENCE GENERAL NOTE NUMBER 3 SHEET 2 OF 10.
- STATION #7 EXERCISE EQUIPMENT. CLIMBING WALL MODEL # W100280. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- PLACE MAINLINE OUTSIDE OF FENCE.
- 1" MAINLINE TO IRRIGATION SYSTEM LOCATED ON SHEET 7 OF 10.
- 1" MAINLINE TO IRRIGATION SYSTEM LOCATED ON SHEET 9 OF 10.
- PLACE PLANT MATERIAL WITHIN THE 6' DIAMETER AREA AROUND SPAY HEADS AS SHOWN.

IRRIGATION LEGEND

- SOLATROL LEIT 8000-2 B STATION CONTROLLER WITH ANTENNA ON A FIBERGLASS MOUNTING TUBE.
- LATERAL PIPE - SCH. 40 PVC PIPE SIZED AS MARKED. DEPTH OF BURY SHALL BE A MINIMUM OF 18" DEEP.
- MAINLINE PIPE - SIZED AS MARKED. DEPTH OF BURY FOR PRESSURIZED MAINLINE FROM METER TO MASTERVALVE SHALL BE 28" DEEP. ALL MAINLINE PIPE 2" OR SMALLER SHALL BE SCH. 40 PVC PIPE. ALL MAINLINE PIPE 2 1/2" AND LARGER SHALL BE CLASS 200 "O" RING PIPE W/ GASKET FITTINGS.
- RAINBIRD PEB-100 1" ELECTRIC VALVE W/ SOLATROL LIGHT ENERGIZER MICRO POWER ACTUATOR MODEL # LEMA 1521. SEE DETAIL (E) 10.
- SCH. 40 PVC PIPE SLEEVING TO BE 2 TIMES THE SIZE OF THE PIPE TO BE SLEEVED. SLEEVING SHALL BE USED UNDER ALL CONCRETE, AND ASPHALT.
- EXISTING MASTERVALVE ASSEMBLY TO BE USED FOR NEW IRRIGATION SYSTEM, LOCATED ON SHEET 9 OF 10. THE EXISTING HARDIE 1" VALVE TO BE CHANGED TO A 910 BERMAID FLOW METER 1 1/2" WITH A SOLATROL ACTUATOR LEMA 1520.
- TORO 570 STREAM SPRAY NOZZLE ON BUBBLER RISER MODEL NUMBER 10-55F. RADIUS OF HEADS NEED TO BE ADJUSTED TO 3' RADIUS. SEE DETAIL (G) 10.
- RAINBIRD 1401 BUBBLER .25 GPM. SEE DETAIL (G) 10.
- RAINBIRD 1404 BUBBLER 1.00 GPM. SEE DETAIL (F) 10.
- NEW PLANT MATERIAL LOCATION.

IRRIGATION GENERAL NOTES:

- PRIOR TO THE START OF CONSTRUCTION, THE LOCATIONS OF ALL EXISTING UTILITY LINES SHALL BE MARKED. VERIFY LOCATIONS WITH THE CITY OF ALBUQUERQUE AND ALL PUBLIC UTILITIES. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. REFERENCE CITY STANDARD SPECIFICATIONS FOR IRRIGATION.
- CONTROL WIRES SHALL BE IDENTIFIED W/ E-Z CODER WDR SERIES TAPE AT VALVE AND CONTROLLER.
- THIS SYSTEM IS DESIGNED FOR 12 GPM WITH MAX 75 PSI ALLOWED AT THE HEAD. PRESSURE AT THE POINT OF CONNECTION IS ESTIMATED TO BE 55-60 PSI. VERIFY PRESSURE PRIOR TO START OF MAINLINE TAPE.
- WHEN LOCATING HEADS IN THE FIELD, CARE SHALL BE TAKEN TO SPACE HEADS AS SHOWN ON THE PLAN. HOWEVER, MINOR ADJUSTMENTS IN THE HEAD LAYOUT MAY BE REQUIRED TO MEET MINOR VARIATIONS BETWEEN PLAN DIMENSIONS AND SITE DIMENSIONS. ADJUST SPRAY HEADS SO THERE WILL BE NO OVERSPRAY ONTO SIDEWALKS OR RETAINING WALL.
- ALL PIPING INSTALLED UNDER SIDEWALKS, ROADS ETC. SHALL BE SLEEVED IN SCH. 40 PVC PIPE 2 TIMES THE SIZE OF THE PIPE TO BE SLEEVED. SLEEVE EACH LINE OR WIRE BUNDLE SEPARATELY.
- AT THE COMPLETION OF THE PROJECT DESIGN AND DEVELOPMENT SHALL COORDINATE THE PROGRAMMING OF THE CONTROLLER WITH STEVE SIERRA, PARK SUPERVISOR, PARK MANAGEMENT DIVISION.
- ALL PRODUCTS SHALL BE AS SPECIFIED OR APPROVED SUBSTITUTION.
- LOCATION SHOWN ON IRRIGATION PLAN FOR CONTROL VALVES AND MAINLINE ARE SCHEMATIC. PLACE LINES TO MINIMIZE DAMAGE TO EXISTING VEGETATION.
- VALVING LEGEND TO BE LAMINATED AND LOCATED INSIDE CONTROLLER OR CONCRETE IRRIGATION VAULT FOR FUTURE REFERENCE.

SCALE: 1"=20'



A ENLARGED PLANTING AREA PLAN

SCALE: 1/8" = 1'-0"

PLANTING GENERAL NOTES:

- PLANT MATERIAL SHALL BE PLANTED NO CLOSER THAN 2'-0" FROM SIDEWALK.
- DECORATIVE BARK MULCH TO BE MEDIUM SIZE AND PLACED IN PATTERN SHOWN ON PLANS 2" DEEP. SEE DETAIL (J) 10.
- FOR SHRUB AND GROUND COVER PLANTING SEE DETAIL (J) 10.

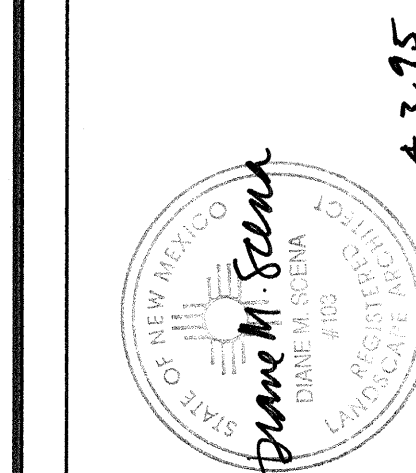
PLANTING LEGEND SECTION 4:					
Botanical Name	Common Name	H2O	Size	Quantity	Remarks
GROUND COVERS:					
1 Festuca ovina 'glauca'	BLUE FESCUE	med	1 gal.	48	plant 8" o.c. min.
2 Delosperma cooperi	ICE PLANT	med	1 gal.	37	plant 1'-6" o.c. min.
SHRUBS:					
3 Salvia greggii	AUTUMN SAGE	Med	5 gal.	8	plant 3' o.c. min.
4 Heliotropium sempervirens	BLUE AYENA	med	1 gal.	8	plant 3' o.c. min.

B ENLARGED PLANTING AREA IRRIGATION PLAN

SCALE: 1/8" = 1'-0"

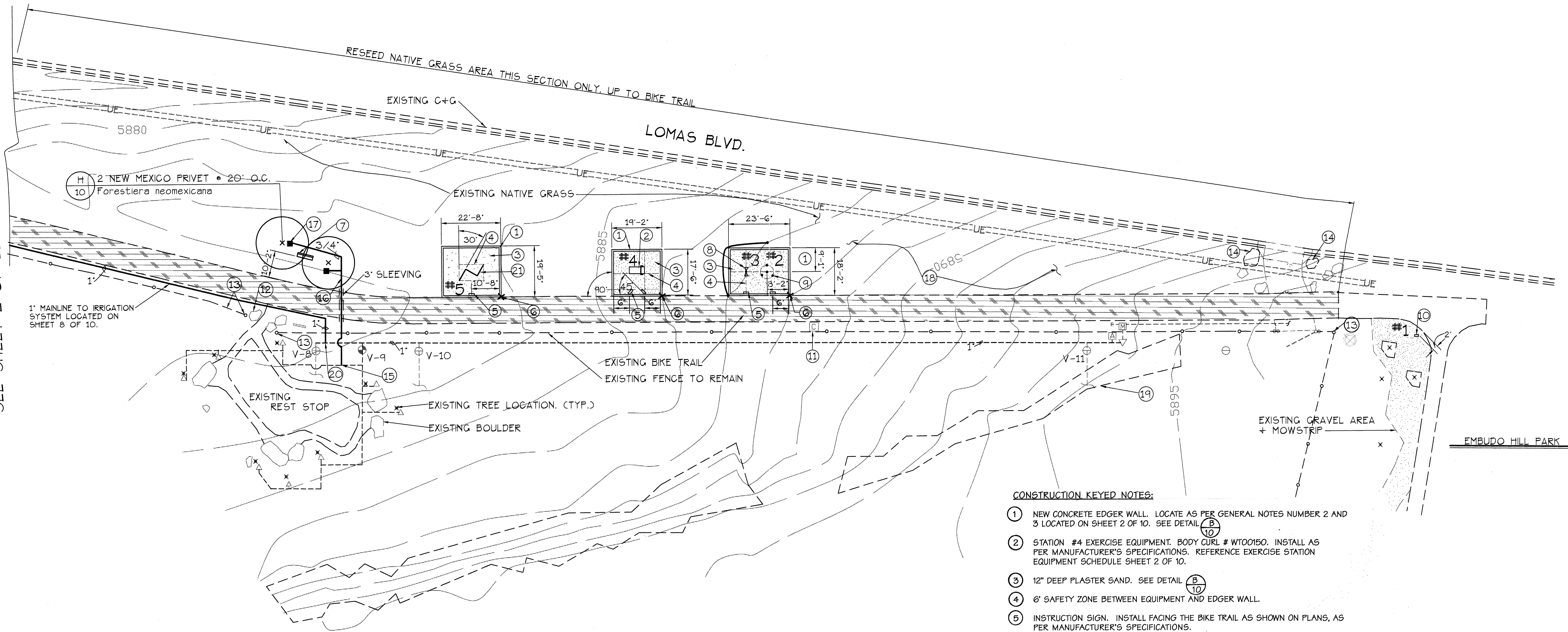
VALVING LEGEND									
VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	ARC	MODEL	QTY.	PSI	RADIUS	GPH
VALVES TO SOLATROL CONTROLLER									
MY	1"	11.25							
V-1	1"	1.50	TORO 570 stream spray	-	10-55F	6	60	3'	0.25
V-2	1"	4.00	RainBird bubbler	-	1401	16	60	-	0.25
V-3	1"	2.25	TORO 570 stream spray	-	10-55F	9	60	3'	0.25
V-4	1"	5.50	RainBird bubbler	-	1401	22	60	-	0.25
V-5	1"	11.25	RainBird bubbler	-	1401	45	60	-	0.25
V-6	1"	3.75	TORO 570 stream spray	-	10-55F	15	60	3'	0.25
V-7	1"	12.00	RainBird bubbler	-	1401	48	60	-	0.25
VALVES TO EXISTING MIR CONTROLLER AT EMBUDO HILL PARK									
V-8	1"	9.00	existing	-	-	-	-	-	-
V-9	1"	10.00	existing	-	-	-	-	-	-
V-10	1"	7.20	existing	-	-	-	-	-	-
V-11	1"	7.00	existing	-	-	-	-	-	-

TO ACCOMMODATE THE EXISTING 1" MAINLINE, THE GPM SHALL NOT EXCEED 12 GPM THRU VALVES. PROGRAM VALVES TO RUN TOGETHER WITH A MIN. OF 7 GPM THRU 1 1/2" FLOW METER WHEN NEEDED.



CITY OF ALBUQUERQUE PARKS/GENERAL SERVICES DESIGN & DEVELOPMENT					
TITLE: CIUDAD VISTA PARK + BIKE TRAIL IMPROVEMENTS					
ENLARGED PLAN SECTION 4					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	4.14.15	4.14.15	WATER	4.14.15	4.14.15
TRANSPORTATION	4.14.15	4.14.15	WASTE WATER	4.14.15	4.14.15
HYDROLOGY	4.14.15	4.14.15	PARKS	4.14.15	4.14.15
PROJECT NO. 4539.90		MAP NO. K-23-Z J-23-Z		SHEET 8 OF 10	

SEE SHEET 2 OF 10 SECTION 5 FOR LOCATION



EXISTING IRRIGATION LEGEND:

- EXISTING 3/4" WATER METER TO BE USED FOR THE NEW PLANTING ADDITION LOCATED ON SHEETS G, 7, + B.
- EXISTING PVC PIPE
- EXISTING IRRITROL IBOC 4 STATION CONTROLLER TO BE RETURNED TO RICHARD TYE
- EXISTING MASTERVALVE ASSEMBLY 1" VALVE TO BE CHANGED TO A 910 BERMAD FLOW METER 1 1/2" WITH A SOLATROL LEMA 1520 ACTUATOR
- EXISTING RAINBIRD AIR RELIEF VALVE
- EXISTING HARDIE 100 VALVES IBOC SOLINOID TO BE CHANGED TO A SOLATROL LEMA 1520 ACTUATOR.
- EXISTING BUBBLERS
- EXISTING VALVE TO RECIEVE 2 NEW BUBBLERS TO LINE CHANGE OUT IBOC SOLINOID TO A SOLATROL LEMA 1520 ACTUATOR.
- LOCATION OF 8 EXISTING WIRES EXTENDED FROM THE EXISTING MIR CONTROLLER LOCATED AT EMBUDO HILLS PARK. USE THESE WIRES TO CONNECT THE EXISTING VALVES V-8, V-9, V-10, & V-11 TO THE MIR CONTROLLER.

IRRIGATION LEGEND

- SOLATROL LEIT 8000-2 8 STATION CONTROLLER WITH ANTENNA ON A FIBERGLASS MOUNTING TUBE.
- LATERAL PIPE - SCH. 40 PVC PIPE SIZED AS MARKED. DEPTH OF BURY SHALL BE A MINIMUM OF 18" DEEP.
- MAINLINE PIPE - SIZED AS MARKED. DEPTH OF BURY FOR PRESSURIZED MAINLINE FROM METER TO MASTERVALVE SHALL BE 28" DEEP. ALL MAINLINE PIPE 2" OR SMALLER SHALL BE SCH. 40 PVC PIPE. ALL MAINLINE PIPE 2 1/2" AND LARGER SHALL BE CLASS 200 "C" RING PIPE W/ GASKET FITTINGS.
- RAINBIRD PEB-100 1" ELECTRIC VALVE W/ SOLATROL LIGHT ENERGIZER MICRO POWER ACTUATOR MODEL # LEMA 1521. SEE DETAIL (E) 10
- SCH. 40 PVC PIPE SLEEVING TO BE 2 TIMES THE SIZE OF THE PIPE TO BE SLEEVED. SLEEVING SHALL BE USED UNDER ALL CONCRETE, AND ASPHALT.
- EXISTING MASTERVALVE ASSEMBLY TO BE USED FOR NEW IRRIGATION SYSTEM, LOCATED ON SHEET 9 OF 10. THE EXISTING HARDIE 1" VALVE TO BE CHANGED TO A 910 BERMAD FLOW METER 1 1/2" WITH A SOLATROL ACTUATOR LEMA 1520.
- TORO 570 STREAM SPRAY NOZZLE ON BUBBLER RISER MODEL NUMBER 10-55F. RADIUS OF HEADS NEED TO BE ADJUSTED TO 3' RADIUS. SEE DETAIL (G) 10
- RAINBIRD 1401 BUBBLER 25 GPM. SEE DETAIL (G) 10
- RAINBIRD 1404 BUBBLER 100 GPM. SEE DETAIL (F) 10
- NEW PLANT MATERIAL LOCATION.

VALVING LEGEND

VALVES TO SOLATROL CONTROLLER									
VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	ARC	MODEL	QTY.	PSI	RADIUS	GPH
V-1	1"	11.25	TORO 570 stream spray	-	10-55F	6	60	3'	0.25
V-2	1"	4.00	RainBird bubbler	-	1401	16	60	-	0.25
V-3	1"	2.25	TORO 570 stream spray	-	10-55F	9	60	3'	0.25
V-4	1"	5.50	RainBird bubbler	-	1401	22	60	-	0.25
V-5	1"	11.25	RainBird bubbler	-	1401	48	60	-	0.25
V-6	1"	3.75	TORO 570 stream spray	-	10-55F	15	60	3'	0.25
V-7	1"	12.00	RainBird bubbler	-	1401	48	60	-	0.25
VALVES TO EXISTING MIR CONTROLLER AT EMBUDO HILL PARK									
V-8	1"	9.00	existing	-	-	-	-	-	-
V-9	1"	10.00	existing	-	-	-	-	-	-
V-10	1"	7.20	existing	-	-	-	-	-	-
V-11	1"	7.00	existing	-	-	-	-	-	-

TO ACCOMMODATE THE EXISTING 1" MAINLINE, THE GPM SHALL NOT EXCEED 12 GPM THRU VALVES. PROGRAM VALVES TO RUN TOGETHER WITH A MIN. OF 7 GPM THRU 1 1/2" FLOW METER WHEN NEEDED.

CONSTRUCTION KEYED NOTES:

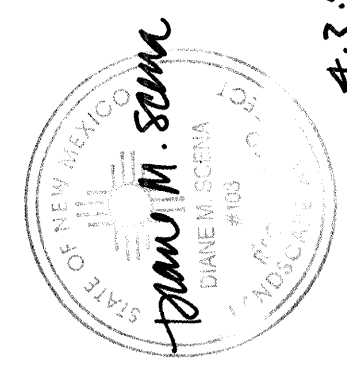
- NEW CONCRETE EDGER WALL. LOCATE AS PER GENERAL NOTES NUMBER 2 AND 3 LOCATED ON SHEET 2 OF 10. SEE DETAIL (B) 10
- STATION #4 EXERCISE EQUIPMENT. BODY CURL # W000150. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- 12" DEEP PLASTER SAND. SEE DETAIL (B) 10
- 6' SAFETY ZONE BETWEEN EQUIPMENT AND EDGER WALL.
- INSTRUCTION SIGN. INSTALL FACING THE BIKE TRAIL AS SHOWN ON PLANS, AS PER MANUFACTURER'S SPECIFICATIONS.
- SPRAY PAINTED "X", POINT TO START DIMENSIONING FROM. REFERENCE GENERAL NOTE NUMBER 3 SHEET 2 OF 10.
- 6' BENCH WITH BACK. ULTRUM MODEL # UF-3006. COLOR: BLUE. AVAILABLE THRU LEISURE DESIGN SYSTEMS. LOCATION OF BENCH WILL BE FIELD LOCATED BY DESIGN STAFF WITH A WOOD STAKE SPRAY PAINTED. FACE TOWARDS REST STOP.
- STATION #3 EXERCISE EQUIPMENT. LEG LIFT # W000140. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- STATION #2 EXERCISE EQUIPMENT. STEP UP # W000130. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- STEEL WORLD FIT WELCOME SIGN TO FACE STREET. TO BE ORDERED UNDER INSTRUCTION SIGNS ONLY. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.
- EXISTING CONTROLLER & CONCRETE VAULT TO BE REMOVED AND RETURNED TO RICHARD TYE, PARK MANAGEMENT.
- MOVE EXISTING BOULDER CLOSER IN TO MAKE ENTRANCE SMALLER.
- REPAIR FENCING AS NEEDED. REPLACE ALL END POST WITH HEAVIER END T-POST FENCE POSTS.
- EXISTING BOULDER TO BE MOVED 10' FROM FACE OF CURB. PLACE SO IT WILL DISCOURAGE DRIVING UP ON TO PARK. THE REST OF THE BOULDERS TO REMAIN IN PLACE.
- CONNECT NEW 3/4" SCH. 40 PVC PIPE TO EXISTING IRRIGATION SYSTEM IN APPROXIMATE LOCATION. (VALVE 9)
- 3/4" SCH. 40 PVC PIPE.
- RAINBIRD BUBBLER 1404 1 GPM. SEE DETAIL (F) 10
- RESEED APPROXIMATELY 24400 SF OF NATIVE GRASS IN AREA SHOWN ON PLAN, AS PER CITY SPECIFICATIONS FOR NATIVE GRASS SEEDING. SEE SECTION 1012.4.1.2 FOR TYPE AND AMOUNTS. REFERENCE GENERAL NOTE #4 SHEET 2.
- EXISTING STOCKPILED BOULDERS.
- CONNECT NEW SCH. 40 PVC 1" MAINLINE PIPE TO EXISTING 1" MAINLINE PVC PIPE.
- STATION #5 EXERCISE EQUIPMENT. BEAM JUMP MODEL # W000170. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. REFERENCE EXERCISE STATION EQUIPMENT SCHEDULE SHEET 2 OF 10.

SCALE: 1"=20'



NORTH

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		REVISIONS/REMARKS		DATE	
CONTRACTOR	DATE	ALL ELEVATIONS FOR THIS TOPOGRAPHIC SURVEY ARE BASED ON	NO.	BY	NO.	DATE	BY	NO.	DATE
WORK STAKED BY	DATE	ALBUQUERQUE CONTROL SURVEY MONUMENT 25-123.43.14'							
INSPECTOR'S APPROVAL	DATE	ALUMINUM CAP RIVETED TO AN ALUMINUM TUBE PROJECTING 0.25							
FIELD VERIFICATION BY	DATE	FEET ABOVE THE GROUND LOCATED AS SHOWN HEREON AND							
DRAWING CORRECTED BY	DATE	HAVING A KNOWN ELEVATION OF 4897.94' AND SHOULD NOT BE							
MICRO-FILM INFORMATION	DATE	DISTURBED IN ANY WAY FOR FURTHER INFORMATION CONTACT							
RECORDED BY	DATE	JAN FILM A GEODETIC SURVEY FOR THE CITY OF ALBUQUERQUE							
NO.		SURVEY SECTION AT 155 765-3612							



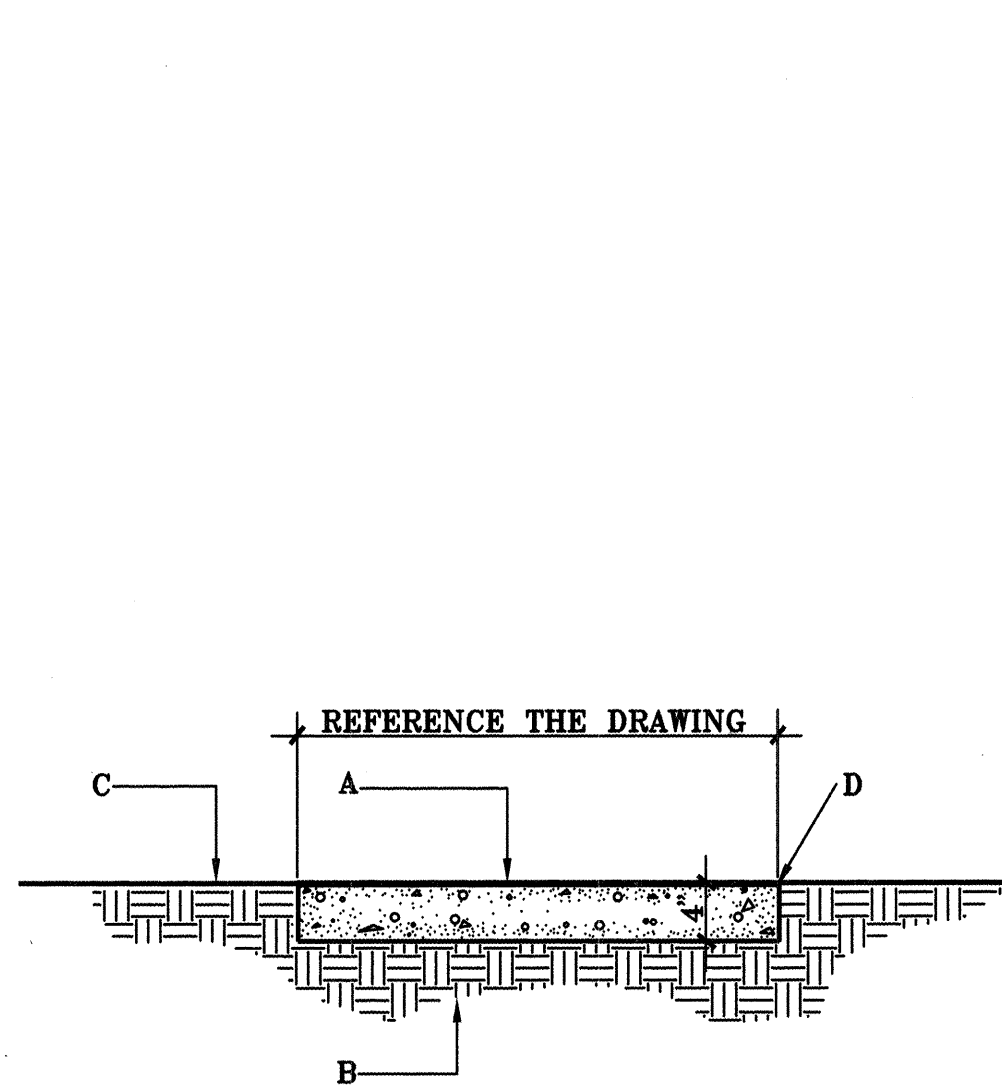
4395

CITY OF ALBUQUERQUE
PARKS/GENERAL SERVICES
DESIGN & DEVELOPMENT

TITLE: CIUDAD VISTA PARK + BIKE TRAIL IMPROVEMNTS
ENLARGED PLAN SECTION 5

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	4/14/95	4/14/95	WATER		
TRANSPORTATION	4/14/95	4/14/95	WASTE WATER		
HYDROLOGY	4/14/95	4/14/95	PARKS		

PROJECT NO. 4539.90 MAP NO. K-23-Z
J-23-Z SHEET 9 OF 10



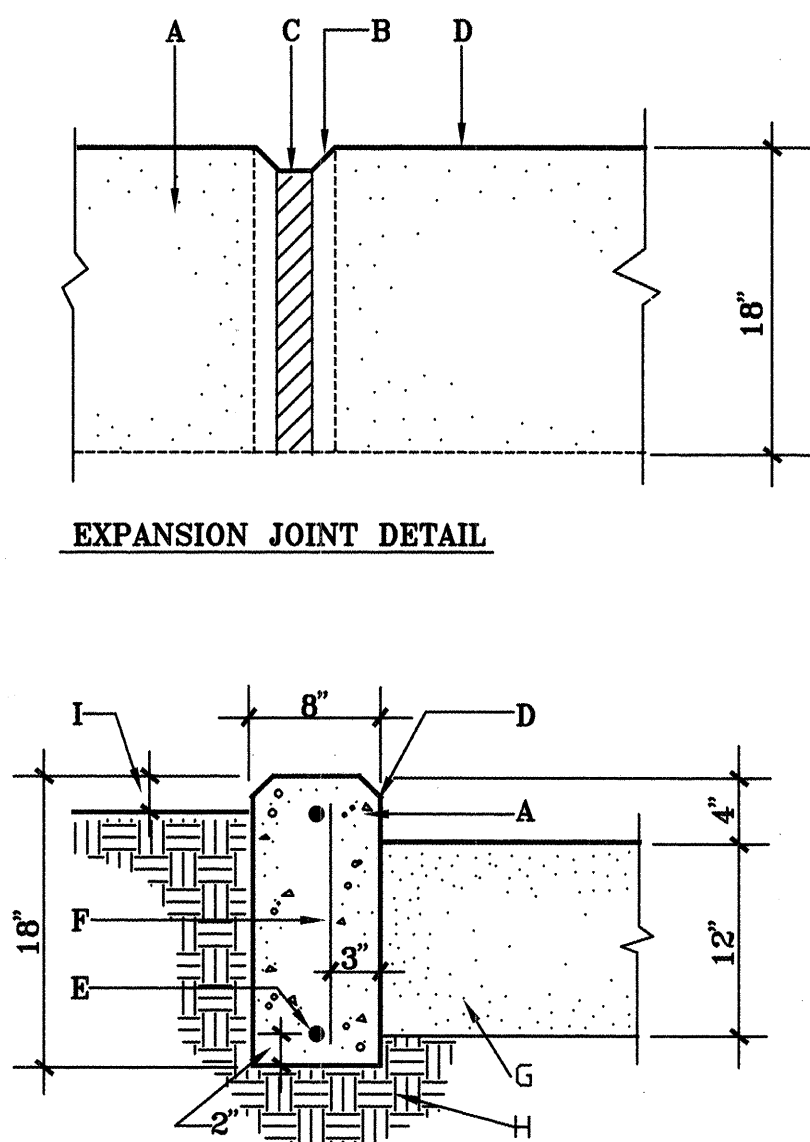
GENERAL NOTES:

- CONTROL JOINTS SHALL BE PLACED AT 5' O.C.
- EXPANSION JOINTS SHALL BE PLACED AT 20' O.C. AND WHERE THE CONCRETE WALK ABUTS ANOTHER HARD SURFACE.
- THE CONCRETE WALK SHALL BE SLOPED AT 1/4" PER FOOT ACROSS THE WIDTH OF THE WALK. REFERENCE THE GRADING PLAN FOR DIRECTION OF SLOPE.

CONSTRUCTION NOTES:

- 4000 PSI CONCRETE SIDEWALK WITH MEDIUM BRUSH FINISH. (SEE SECTION 340).
- SUBGRADE COMPACTED TO 95%. (SEE SECTION 301).
- MATERIAL VARIES. (REFERENCE THE DRAWINGS).
- TOOLED EDGE. (TYP.)

A CONCRETE WALK DETAIL
SCALE: NOT TO SCALE



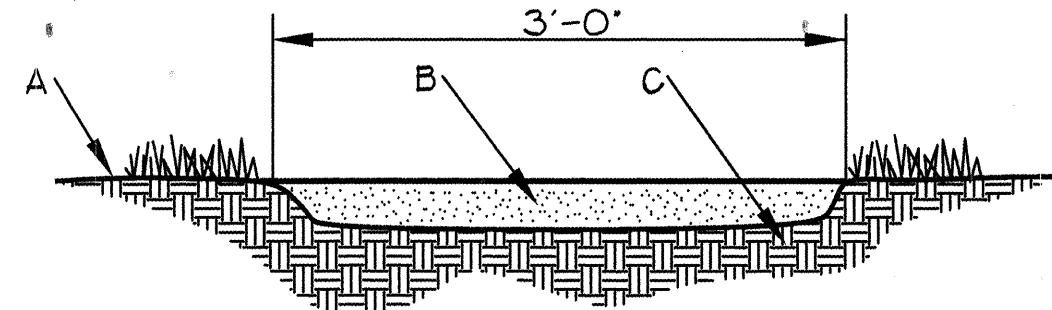
GENERAL NOTES:

- CONTROL JOINTS SHALL BE PLACED AT 5' O.C.
- EXPANSION JOINTS SHALL BE PLACED AT 20' O.C.

CONSTRUCTION NOTES:

- 4000 PSI CONCRETE WITH BRUSH FINISH. (SEE SECTION 101).
- 1" CHAMFER.
- 1/2" EXPANSION JOINT MATERIAL.
- TOOLED EDGE.
- #4 REBAR, HORIZONTAL AND CONTINUOUS.
- #4 REBAR AT 4' O.C.
- BRICK SAND.
- SUBGRADE COMPACTED TO 95%. (SEE SECTION 301).
- MATERIAL VARIES. (REFERENCE THE DRAWINGS).

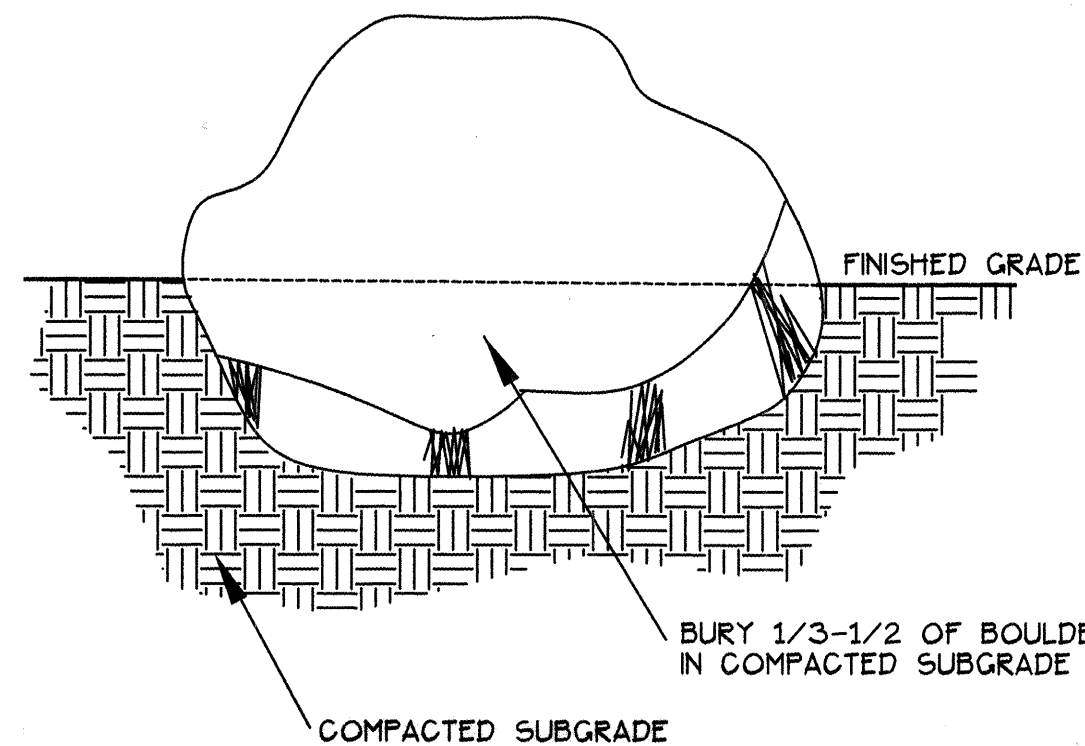
B EDGER WALL DETAIL
SCALE: NOT TO SCALE



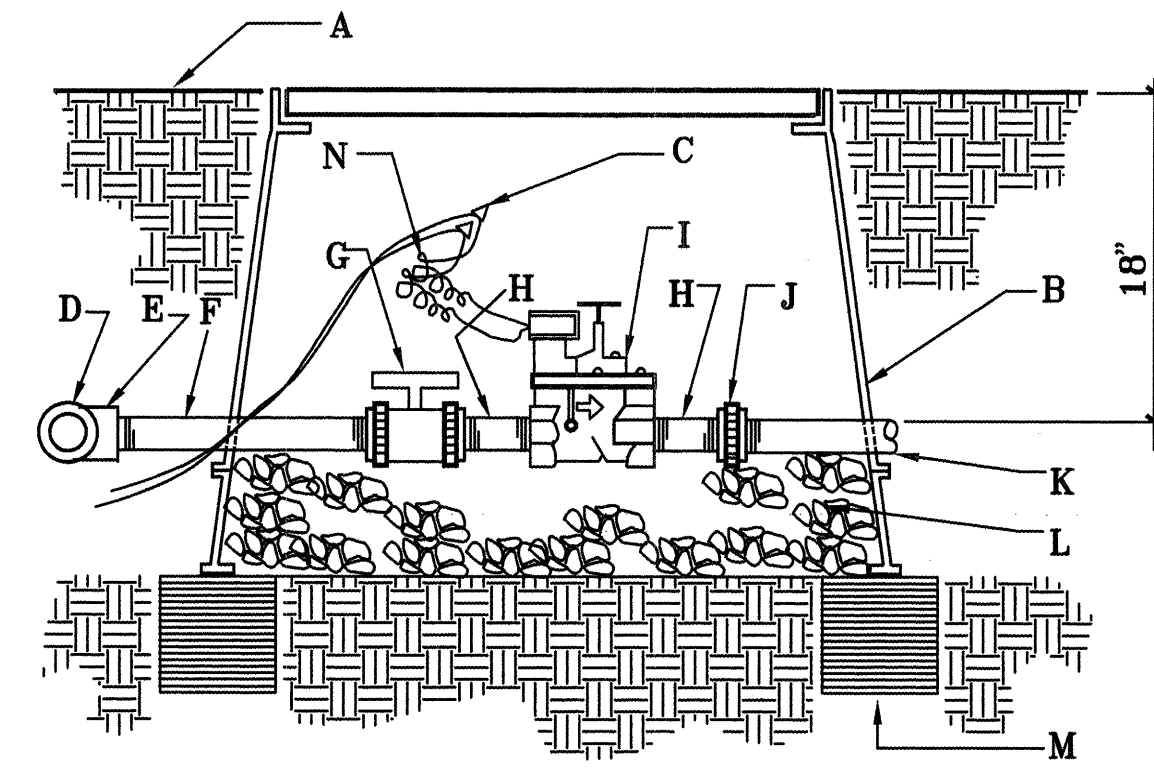
CONSTRUCTION NOTES:

- EXISTING GRADE.
- CRUSHER FINES PREMIXED W/ STABILIZER AT THE RATE OF 12 LBS OF STABILIZER PER TON OF CRUSHER FINES, SANTA FE BROWN. AVAILABLE THROUGH: CALMAT INC. EXCAVATE, SPREAD AND LEVEL. APPLY WATER AND ROLL W/ HEAVY ROLLER ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- SUBGRADE COMPACTION (SEE SECTION 301) CITY STANDARD SPECIFICATIONS.

C STABILIZED CRUSHER FINE DETAIL
SCALE: NOT TO SCALE



D BOULDER INSTALLATION DETAIL
SCALE: NOT TO SCALE



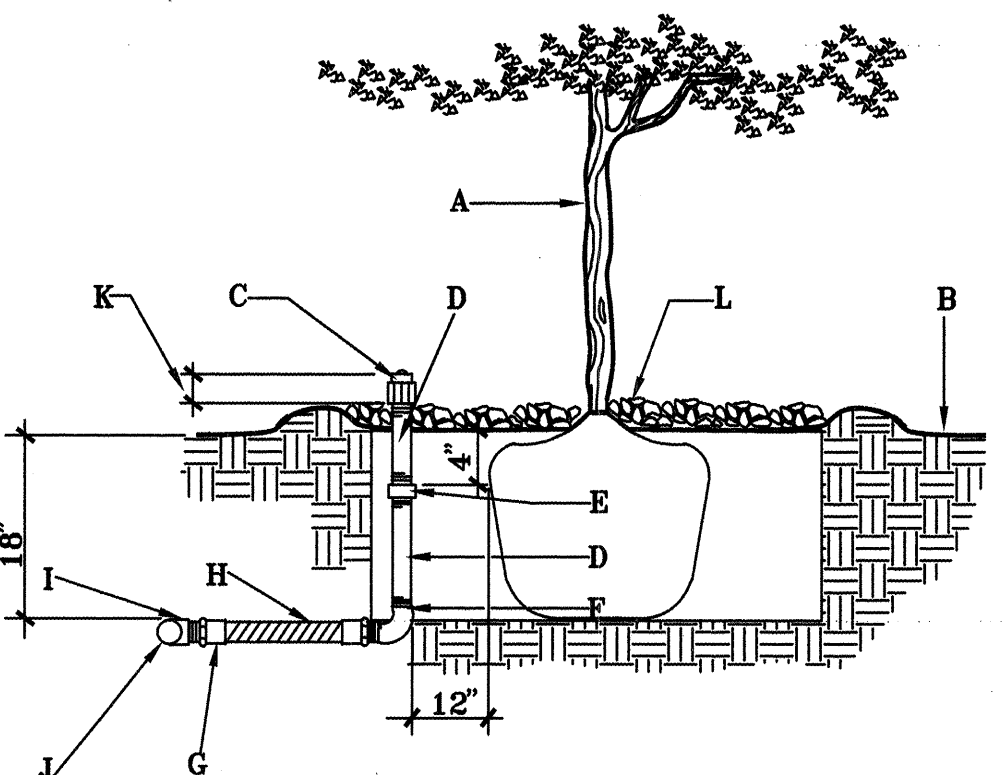
GENERAL NOTES:

- INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH END OF THE VALVE BOX.
- WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.

CONSTRUCTION NOTES:

- FINISH GRADE.
- BROOKS PRODUCTS INC., 1730 PB-18 BODY (ABS) VALVE BOX WITH 1730 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION.
- 3M SCOTCHLOK CONNECTORS.
- IRRIGATION MAINLINE.
- IRRIGATION MAINLINE SERVICE TEE OR ELL.
- SCHEDULE 80 PVC 12" NIPPLE.
- SPEARS TRUE UNION SCHEDULED 80 PVC BALL VALVE.
- SCHEDULE 80 PVC 4" NIPPLE.
- ELECTRIC VALVE. REFERENCE THE DRAWING FOR SIZE.
- SPEARS SCHEDULE 80 PVC UNION.
- LATERAL LINE.
- 1" DIAMETER WASHED ROCK.
- 8"X8"X16" SOLID CMU BLOCK.
- 24" WIRE EXPANSION COIL.

E ELECTRIC VALVE DETAIL
SCALE: NOT TO SCALE



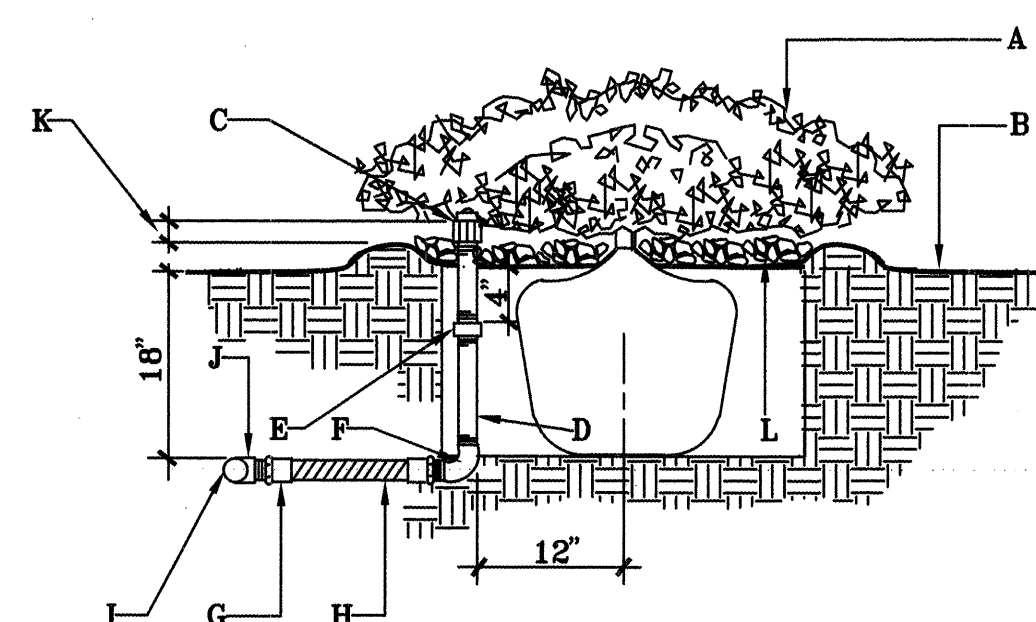
GENERAL NOTES:

- LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
- BUBBLER SHALL ALWAYS BE INSTALLED ON THE UPHILL SIDE OF THE TREE.

CONSTRUCTION NOTES:

- TREE.
- FINISH GRADE.
- BUBBLER HEAD (REFERENCE IRRIGATION LEGEND).
- SCH. 80 PVC NIPPLE.
- SCH. 40 PVC THREADED COUPLER.
- SCH. 40 PVC THREADED ELL.
- SCH. 40 PVC MIP ADAPTER.
- PVC FLEXIBLE VINYL PIPE, STD., IPS FROM AGRICULTURAL PRODUCTS INC. (818-768-3303).
- SCH. 40 PVC SXSXT TEE OR SXT ELL.
- LATERAL PIPE.
- TOP OF BUBBLER LEVEL WITH TOP OF BARK MULCH OR MAX. 1" ABOVE TOP OF BARK MULCH.
- 4" BARK MULCH.

F BUBBLER HEAD AT TREE DETAIL
SCALE: NOT TO SCALE



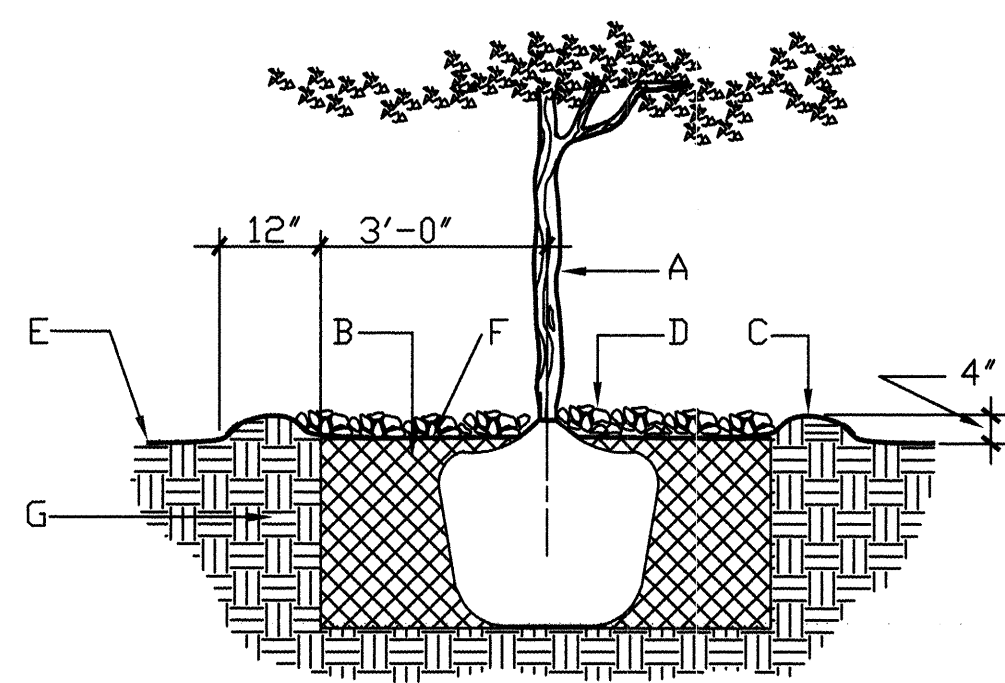
GENERAL NOTES:

- LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
- BUBBLER SHALL ALWAYS BE INSTALLED ON THE UPHILL SIDE OF THE SHRUB.

CONSTRUCTION NOTES:

- SHRUB.
- FINISH GRADE.
- BUBBLER HEAD (REFERENCE IRRIGATION LEGEND).
- SCH. 80 PVC NIPPLE.
- SCH. 40 PVC THREADED COUPLER.
- SCH. 40 PVC THREADED ELL.
- SCH. 40 PVC MIP ADAPTER.
- PVC FLEXIBLE VINYL PIPE, STD., IPS FROM AGRICULTURAL PRODUCTS INC. (818-768-3303).
- LATERAL PIPE.
- SCH. 40 PVC SXSXT TEE OR SXT ELL.
- TOP OF BUBBLER LEVEL WITH TOP OF BARK MULCH OR MAX. 1" ABOVE TOP OF BARK MULCH.
- 2" BARK MULCH.

G BUBBLER HEAD AT SHRUB DETAIL
SCALE: NOT TO SCALE



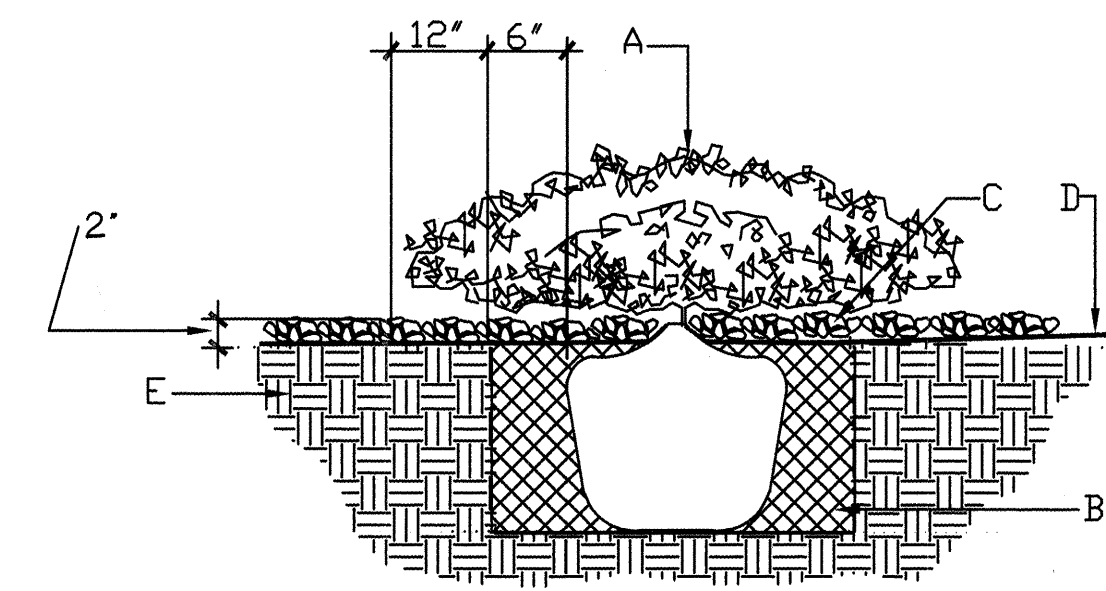
GENERAL NOTES:

- ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT TREE FROM SETTLING.
- TOP OF ROOTBALL INDICATES LEVEL AT WHICH TREE WAS GROWN AND DUG; THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE INSTALLED; THAT LEVEL MAY BE EXCEEDED BY ONLY A ONE INCH LAYER OF SOIL.
- PRIOR TO BACKFILLING TREE, ALL WIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE TREE AND THE PLANTING PIT.
- PRIOR TO BACKFILLING ALL BURLAP SHALL BE CUT AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.

CONSTRUCTION NOTES:

- TREE.
- BACKFILL WITH EXISTING SOIL.
- EARTH BERM AROUND WATER RETENTION BASIN.
- 4" DEPTH OF BARK MULCH.
- FINISH GRADE.
- WATER RETENTION BASIN.
- UNDISTURBED SOIL.

H TREE PLANTING DETAIL
SCALE: NOT TO SCALE



GENERAL NOTES:

- THE OUTSIDE DIAMETER OF THE WATER RETENTION BASIN SHALL BE TWICE THE DIAMETER OF THE SHRUB PLANTING PIT.

CONSTRUCTION NOTES:

- SHRUB.
- BACKFILL WITH EXISTING SOIL.
- 2" DEPTH OF MULCH. SEE PLANS FOR TYPE OF MULCH.
- FINISH GRADE.
- UNDISTURBED SOIL.

J SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		REVISIONS/REMARKS	
CONTRACTOR	DATE	NO.	DATE	FIELD NOTES	NO.	DATE	NO.
WORK STAKED BY	DATE	BY	DATE	NO.	DATE	DATE	DATE
INSPECTOR'S APPROVAL	DATE	BY	DATE	NO.	DATE	DATE	DATE
FIELD VERIFICATION BY	DATE	BY	DATE	NO.	DATE	DATE	DATE
DRAWING CORRECTED BY	DATE	BY	DATE	NO.	DATE	DATE	DATE
MICRO-FILM INFORMATION	DATE	BY	DATE	NO.	DATE	DATE	DATE
RECORDED BY	DATE	BY	DATE	NO.	DATE	DATE	DATE
NO.	DATE	BY	DATE	NO.	DATE	DATE	DATE



CITY OF ALBUQUERQUE PARKS/GENERAL SERVICES DESIGN & DEVELOPMENT					
TITLE: CIUDAD VISTA PARK + BIKE TRAIL IMPROVEMENTS CONSTRUCTION, IRRIGATION, + PLANTING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	4/14/95	4/14/95	WATER	4/14/95	4/14/95
TRANSPORTATION	4/14/95	4/14/95	WASTE WATER	4/14/95	4/14/95
HYDROLOGY	4/14/95	4/14/95	PARKS	4/14/95	4/14/95
PROJECT NO. 4539.90		MAP NO. K-23-Z J-23-Z		SHEET 10 OF 10	